

WHAT IS CLAIMED IS:

1. A remote control method for controlling electrical appliances via home gateway comprising the act of:

preparing a main board to selectively connect to an INTERNET;

dialing a phone call to the main board to initiate the main board;

the main board connecting to the INTERNET;

acquiring a pre-registered IP address from a DNS server; and

using a tool accessible to the IP address for communicating with electrical appliances,

wherein a data confirmation step is added before the step of the main board connecting to the INTERNET so as to confirm the data input to the main board to initiate the main board.

2. The remote control method as claimed in claim 1, wherein the main board has a controller with two ports.

3. The remote control method as claimed in claim 2, wherein one of the ports is a hub.

4. The remote control method as claimed in claim 3, wherein the other one of the ports is a WAN port.

5. The remote control method as claimed in claim 1, wherein the main board further has a fax server so as to transmit and receive information.

6. The remote control method as claimed in claim 1, wherein the main board further has a modem connecting port.

7. The remote control method as claimed in claim 6, wherein the main board further has a modem connecting port.

8. The remote control method as claimed in claim 1, wherein the tool includes PC,

- 1 PDA, GSM mobile phone, WAP mobile phone, GPRS phone or a Webpad.
- 2 9. The remote control method as claimed in claim 1, wherein the main board further
- 3 has a power line modem.